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NEWSLETTER

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Water Quality/Food Safety: Data Collection Update

ERS and the National Agricultural Statistics Service have been given leadership responsibilities under USDA's water quality and food safety initiatives to improve USDA's data and information on farm use of pesticides, fertilizers, and related inputs. A set of chemical use surveys conducted by NASS in 1991 covers two-thirds of the Nation's annually planted crop acreage and offers opportunities for research on water quality, food safety, and pesticide exposure.

Farmers in 14 States were surveyed to determine chemical use on fruit, nut, and berry crops as well as to obtain information on any other practices farmers use to control pests. The survey collected production, marketing, labor, and other economic information and

represents about 85 percent of the acreage of citrus, grapes, cherries, and plums, 75 percent of apples, and 70 percent of peaches, pears, and raspberries.

In 1990, producers in the Delmarva Peninsula were surveyed for indepth research on how farming practices may affect water quality. Over the next few years, 12 areas throughout the country are expected to be studied in a coordinated effort by USDA, the Environmental Protection Agency, and the U.S. Geological Survey. In 1991, surveys were conducted in the Columbia River Basin (Washington State), Central Nebraska Basin, White River Basin (Indiana), and Lower Susquehanna Basin (Pennsylvania). The results from these surveys will be linked with water quality monitoring activities, resource studies, and other information to research water quality issues.

A pilot survey of chemical use on cotton was conducted in 1989 to measure the quantities of pesticides applied to cotton and to collect related economic information on relationships between resources, economic conditions, and chemical use. Some research results from this effort were published in *Cotton Production and Water Quality: An Initial Assessment* (AGES-9105) by Steven Crutchfield, Marc Ribaudo, Parveen Setia, David Letson, and LeRoy Hansen.

In 1990, pesticide use data were collected for wheat, corn, soybeans, rice, potatoes, and cotton. A survey of chemical use on vegetables and economic characteristics of vegetable producers was conducted in four States for the 1990 production season. Statistical estimates from the 1990 surveys were recently published in a new *Agricultural Chemical Use* series by NASS.

Young Named Eastern European Project Liaison Officer

Edwin Young is the new liaison officer for ERS's Eastern European economic institution-building project. He is responsible for coordinating ERS's work in Poland, Hungary, the Czech and Slovak Federal

Republics, and Bulgaria to develop programs to provide policymakers, farmers, and agricultural enterprises

with timely, accurate information on market conditions so they can make better market-oriented decisions. ERS staff are working with counterparts in each country to produce and disseminate situation and outlook reports on commodity and input markets and to provide analyses of key policy issues to decisionmakers.

Young joined ERS's former Natural Resource Economics Division in 1974 and was stationed at Pennsylvania State University until 1985, where he did research on the costs and benefits of reducing onfarm and offsite damages of soil erosion.

Young became a section leader in the Conservation Economics Branch in 1986 and was subsequently named leader of the Program and Policy Analysis Section, Resource Policy Branch. He was named leader of the Food Grains Analysis Section in 1988 and was responsible for the rice and wheat situation and outlook programs and for staff analysis



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support for food grains issues. Young also worked on establishing situation and outlook programs in Egypt and on the earlier stages of the Eastern European project.

Young's research has earned him eight ERS Administrator's Special Merit Awards. He has published widely on agricultural policy, wheat production and use, rice production and use, water quality, soil erosion, and conservation policy.

Young has a B.S. in economics from Westminster College and a Master of Economics and Ph.D. in economics from North Carolina State University.

Reilly Becomes Branch Chief in RTD

John Reilly has been named chief, Land and Capital Assets Branch, Resources and Technology Division.

Reilly's research experience has covered a broad range of U.S. and international energy and natural resource issues in both government and private research organizations. He began his career in 1978 as an energy economist with the U.S. Department of Energy and then with the U.S. Department of Transportation. In 1980, he moved to the Institute for Energy Analysis of the Oak Ridge Associated Universities and, in 1985, to the Pacific Northwest Laboratory of the Battelle Memorial Institute.

Reilly joined ERS in 1986 and has conducted research on new technologies and their impacts on agriculture, ethanol production and policy, and land values, including development of new data collection systems. He most recently was RTD deputy director for technology.

Reilly's research has been published widely in professional journals, USDA and other Government reports, and books.



He is also coauthor of *Global Energy: Assessing the Future*. He received USDA's Superior Service Award and ERS's Excellence Award for Research for his contributions to an ethanol study team.

Reilly has a B.S. in economics and political science from the University of Wisconsin and an M.S. and a Ph.D. in economics from the University of Pennsylvania.

Uri Is New CED Section Leader

Noel Uri was recently named leader, Sweeteners and Specialty

Agriculture Research Section, Specialty Agriculture Branch, Commodity Economics Division. Uri's section is

responsible for structural policy and trade analysis of specialty commodities. It will also be involved across branches in grain quality, concentration, and food safety issues.

Uri came to ERS in 1987 from the Federal Trade Commission, and in 1989 he became leader of the Program and Policy Analysis Section, Resource Policy Branch, Resources and Technology Division. In 1990, he was named leader, Agricultural Chemicals and Risk Assessment Section, Agricultural Inputs and Production Systems Branch. Prior to his FTC work, Uri was an economist in the Department of Energy, the Federal Energy Administration, and the Bureau of Labor Statistics. His career also has included teaching positions in economics at the University of Illinois, George Mason University, and Catholic University of America.

Uri's work has been published in economics and other journals worldwide. He has written *Dimensions of Energy Economics*,



Energy Demand and Conservation in the United States, Towards an Efficient Allocation of Electrical Energy: An Essay in Applied Welfare Economics, and New Dimensions in Public Utility Pricing, and coauthored *Managerial Economics, Instructors Guide to Accompany Managerial Economics, and Study Guide to Accompany Managerial Economics*.

Uri has a B.A. in mathematics and an M.A. in economics from San Diego State College and a Ph.D. in economics from the University of Illinois.

Glasmeier Is Visiting Scholar in ERS

Amy Glasmeier, associate professor of community and



regional planning, University of Texas (Austin), is a visiting scholar in ERS's Agriculture and Rural Economy Division during October 1991–March 1992. During her stay in ERS, she is working on

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Administrator's Letter—Appreciation

Recently, I became aware of a book-length manuscript written by H.C. Taylor in 1926, and I have since had the opportunity to read most of it. Taylor, the first professor of agricultural economics (University of Wisconsin, 1909) in the United States, was also the first chief of the Bureau of Agricultural Economics, the predecessor agency to ERS. Taylor came to USDA in 1919 at the invitation of Secretary of Agriculture David F. Houston, to head up the reorganized Office of Farm Management. In 1922, Secretary Henry C. Wallace picked Taylor to lead the economic and statistical activities of USDA, which were being consolidated into the BAE. Taylor shaped the mission, standards, and philosophy of what John Kenneth Galbraith later called "that prestigious band of economists" for the three decades that followed.

After leaving USDA in 1925 and going to Northwestern University, Taylor wrote about his experiences as an agricultural economist in Washington. Thanks to the Farm Foundation, Taylor's *The White House versus Bureaucracy* will be published in 1992. I urge you to read it.

Taylor's book is relevant because it deals with the continuous struggle of USDA's economic research agency (then BAE, now ERS) to sort out its mission, clientele, and priorities in the face of real problems and great need. In the 1920's, improved farm management skills and better market information were perceived to be critical to the improved well-being of farm people. Today, knowing the outcomes of alternative policy régimes, internalizing environmental and other social objectives into private markets, and solving the problems of a rural economy no longer dominated by agriculture are among the challenges to ERS. Our continuing struggle to sort out ERS's priorities among the growing array of complex issues facing agriculture is compounded by a diffusion of constituencies (often at odds among themselves) and a limited resource base. Thus, at a time when the need for economic and social science information is greater than ever, the question ERS must address is not "What is important to do?" but rather "What are the *most critical* needs to which we must address our resources?"

So, what's new? Nothing really. Neither is there anything new about how the people of ERS respond to these challenges. From Taylor's time to today, the strength of ERS—and its value to society—has been its competent, hard-working, low-profile people committed to the principle that all of society is better served if decisions made by agricultural policymakers, farmers, and others are made with as much knowledge as possible about the potential consequences of those decisions. It is reassuring to observe that each generation of those who join ERS brings new tools, better training, new ideas, and renewed commitment to providing honest, straightforward, accurate, and insightful information and analysis that serve the public interest.

As another year draws to a close, I take this opportunity to thank my ERS colleagues whose work and commitment have made my career rewarding and exciting. I join with them in thanking all our friends and supporters and in wishing all of you a happy holiday season and a fulfilling 1992.


John Lee

an Aspen Institute and Ford Foundation-funded research project to examine the competitiveness of rural branch plants in the United States.

Glasmeier is collaborating with research associate Amy Kays, who was a summer intern at ERS in 1990. Kays' work will involve designing a proposal for a Southwest rural research network for possible implementation by the Aspen Institute.

At ERS, Glasmeier is also working with ARED staff to complete a profile of rural nonlocally owned manufacturing facilities. She is also working with staff of the Appalachian Regional Commission and the U.S. Small Business Administration on this project.

A third aspect of Glasmeier's work will be directed toward informing public policymakers of the significance of the pending U.S.-Mexico free trade debate for rural economies. She recently completed a related project for the Texas Department of Commerce outlining the nature of service industries in Texas and the development implications of opening the border for international trade in these sectors.

Glasmeier has a B.A. in environmental studies and planning from California State University and an M.A. and a Ph.D. in city and regional planning from the University of California.

Glasmeier's research interests include the role of distribution in regional economic complex formation and development, industrial innovation and the evolution of regional economic complexes, and the developmental prospects of high technology industries. Glasmeier's recent publications include a book, *The High Tech Potential: Economic Development in Rural America*, and several journal articles.

Vasavada Is Visiting Scholar in ERS

Utpal Vasavada is a visiting scholar in ERS's Resources and Technology Division during June 1991–May 1992, working on policy issues related to food safety, water quality, and sustainable agriculture.

Vasavada's research has focused mainly on aggregate analysis of the U.S. agricultural production sector. He has recently worked on trade policy implications of sustainable agriculture and on modeling international trade under imperfect competition.

Vasavada has a B.A. and an M.A. in economics from the University of Poona in India and an M.S. and a Ph.D. in economics from the University of Maryland. He has served on the faculties at the University of Georgia and Laval University. He has also been a visiting professor at the University of Connecticut and was a visiting scholar with ERS in 1987.

John Kitchen Detailed to CEA

John Kitchen is on a 1-year detail at the Council of Economic Advisers as the senior staff economist for macroeconomics and forecasting. He will monitor current macroeconomic information, including data releases from both public and private sources. He will also participate in producing the Administration's macroeconomic forecast.

Since joining ERS in 1984, Kitchen's work has focused on macroeconomics and the linkages of macroeconomic variables to agriculture and the rural economy.

Kitchen has a B.A. in economics and history from the College of William and Mary and an M.A. and

a Ph.D. in economics from the University of Pittsburgh.

Bureau Is Visiting Scholar at ERS

Christophe Bureau, National Institute for Agricultural Research, Grignon, France, is a visiting scholar in ERS's Resources and Technology Division,

Resource Indicators Branch, for 1 year (October 1991–September 1992).

Bureau's research interest is in production economics, and, during his stay in ERS, he will contribute to ERS's work on developing measures of international productivity growth. Bureau is also working on cost-of-production estimates for EC countries, researching purchasing power parities, and assisting in improving ERS's data base for the EC.

Bureau has an M.A. in agronomy and a Ph.D. in agricultural economics, both from the University of Paris (Sorbonne).

Greenshields Named Editor of International Journal

ERS assistant administrator Bruce Greenshields was recently appointed to a 3-year term as editor-in-chief of *Agricultural Economics: The Journal of the International Association of Agricultural Economists*. He will head a staff of six regional editors, a review article editor, a book review editor, a 30-member editorial advisory board, and an editorial secretariat.

Greenshields coedited the proceedings of the contributed paper sessions for the past five IAAE triennial conferences (with coeditor Margot Bellamy of CAB International). He also organized the contributed paper competition



and sessions for the past three conferences (1985 in Spain, 1988 in Argentina, and 1991 in Japan) and assisted former ERS administrator Kenneth Farrell with the contributed paper competition and sessions for the prior two conferences (1979 in Canada and 1982 in Indonesia). Greenshields launched and was the first editor of the *IAAE Newsletter* (1989-91). He was also editor of the *AAEA Newsletter* (1987-89).

The international journal is published by Elsevier Science Publishers in Amsterdam, the Netherlands. Beginning in 1992, it will be published in two volumes for a total of eight issues per year. Subscriptions to the journal are not included in IAAE membership dues but are available to IAAE members for one-fourth of the library (nonmember) rate.

Japanese Visitor in ERS

Yoshihiro Tamehiro, technical official in the Project Planning Division, Japanese Ministry of Agriculture, Forestry and Fisheries, is a visiting researcher in ERS's Agriculture and Rural Economy Division until February 1992.

During his stay in ERS, Tamehiro will study rural development in the United States and its relationship to farming. Japan is expanding its efforts to help less-developed countries with agricultural development, and Tamehiro's study of the U.S. experience will help Japan design its program. Tamehiro has a fellowship from the Japanese Office of Training and Development, National Personnel Authority, to help undertake the study.

Tamehiro has a B.S. in agriculture with an emphasis on agricultural engineering from Tokyo University.



ERS Anniversary Conference Proceedings Available

Economics and Public Service: Proceedings of the 30th Anniversary ERS Conference (AGES-9138) is now available. To receive a free copy, contact Donnell Royster, Room 237, 1301 New York Avenue NW, Washington, DC 20005-4789 (202-219-0515).

ERS Alumni Notes

[We invite ERS alumni to write to us at the address on page 2 about what they or other alumni are doing, where they are living, etc.]

ERS retiree Edmund Hamlin died Sept. 17 in Wisc. • ERS retiree Ronald Mighell died Sept. 15 in Silver Spring, Md. • and Robert Tetro, Sr., former ERS employee and former administrator of USDA's Foreign Agricultural Service, died Aug. 29 in Reston, Va.

Highlights of Staff Activities

Agriculture and Rural Economy Division

Calvin Beale was named honorary fellow of the Population Reference Bureau • Robert Collender presented a paper, "Production Economies and Inefficiencies in a Government-Sponsored Enterprise: The Case of the Farm Credit System," at a Financial Management Association meeting in Chicago, Ill. • Collender also spoke on production economics and inefficiencies among system associations at a Farm Credit Administration meeting in

Washington, D.C. • Kenneth Deavers discussed rural development issues with staff of the Organization for Economic Cooperation and Development, in Paris, France • Richard Reeder participated in a rural tourism development meeting in Washington, D.C. • John Redman spoke on conditions and trends in the textile and apparel industries with researchers at North Carolina State University and Georgia Tech Research Institute • Thomas Raleigh participated in a telecommunications and rural economic development meeting in Dallas, Tex. • Gerald Schluter chaired a session and discussed two papers at an Atlantic Economic Society meeting in Washington, D.C. • and Jerry Stam and George Wallace participated in a National Agricultural Credit Committee meeting at the Federal Reserve Bank in Chicago, Ill.

Agriculture and Trade Analysis Division

Harry Baumes was the U.S. delegate to a meeting of OECD's working party on agricultural policies and markets, in Paris, France • Baumes also spoke on U.S. agricultural policy developments at a Centre for European Policy Studies meeting in Brussels, Belgium • Hunter Colby traveled to China as part of a USDA livestock and feed study team • William Coyle and Martin Johnson participated in a conference on mechanisms to improve agricultural trade performance under the GATT, in Kiel, Germany • John Dyck spoke on U.S.-Korea trade relations at a U.S.-Korea symposium at Indiana University • at an Atlantic Economic Society meeting in Washington, D.C., Praveen Dixit presented a paper, "Agricultural Negotiations in the Uruguay Round: Supplying Quantitative Analysis" (coauthored by Bradley McDonald and Vernon Roningen); and David Kelch presented a

paper, "Polish Agriculture in a Liberalizing Economy," and chaired a session on trade modeling for government analysis • **Albert Evans** traveled to South Korea to study its feed livestock economy • **Kenneth Gray** spoke on the macroeconomic roots of the Soviet food distribution problem at a Soviet agribusiness conference in Middlebury, Vt. • **Robert Koopman** presented a paper, "Agricultural Price Policies in Pre-Reform Central and Eastern Europe and Potential Effects of Reform on Prices and Trade during the Transition," at a meeting of OECD's ad hoc group on East-West economic relations in agriculture, in Paris, France • **Susan Leetmaa** presented a paper, "Forecasting the Export Demand of the Delaware River Port System," at a Transportation Research Forum meeting in New Orleans, La. • **Carl Mabbs-Zeno** spent 6 weeks in Tirana, Albania, as policy adviser to the Minister of Agriculture • **Stephen Magiera** presented a paper, "Implications of the Uruguay Round and EC-1992 for the Asian Region," at an AID agricultural officers conference, in Colombo, Sri Lanka • **Magiera** also spent a month in Jakarta, Indonesia, participating in a World Bank review of agricultural development • **Mary Madell** traveled in Europe under the EC visitors program to study agricultural policy formulation • at a World Bank-sponsored workshop on policy issues affecting fertilizer sector developments and sustainable agriculture, in Washington, D.C., **Arthur Dommen** presented a paper, "U.S. Farm Policy and Lessons for Developing Country Agriculture"; and **Gene Mathia** presented a paper, "Sustaining Agricultural Growth in Latin America: Policy Alternatives" • **Bob Robinson** traveled to Prague, Czech and Slovak Federal Republics, and Sofia, Bulgaria, to coordinate ERS activities under AID's U.S.-Central Europe relations project • **Robinson** also participated in an International Agricultural Trade Research Consortium Executive Committee

meeting, in Las Vegas, Nev.

- **Robinson** also participated in a U.S.-Mexico Binational Commission meeting, in Mexico City, Mex.
- **Robinson** also discussed ERS's Eastern Europe project with FAO staff in Rome, Italy • **Vernon Roningen** traveled to Western Europe and the Soviet Union as part of a U.S.-U.S.S.R. agricultural exchange team • **Mathew Shane** coordinated a 4-week agricultural policy seminar for 13 Third World ministry of agriculture participants, in Washington, D.C. • **Shane** also presented a paper, "A North American Free Trade Area," at a Canadian Association of Latin American and Caribbean Studies conference at Laval University
- **David Stallings** presented a paper, "Neutral Networks and Exchange Rate Forecasts," at a Federal Forecasters Conference, in Washington, D.C. • **James Stout** presented a paper, "Direct Comparison of General Equilibrium and Partial Equilibrium Models in Agriculture," at a CGE modeling conference, in Waterloo, Ont.
- **Donna Roberts** and **John Sullivan** traveled to Argentina and Chile to study Southern Cone agriculture and install ERS's SWOPSIM model in research institutes • and **Tom Vollrath** was a panelist at a GAO conference on international agricultural trade and marketing issue areas planning, in Washington, D.C.

Commodity Economics Division

At an S-216 regional research committee meeting on food demand in Washington, D.C., **Richard Haidacher** presented a paper, "What We Know and Don't Know About Demand for Food and What It Means for Agriculture"; **Kuo Huang** presented a paper, "Foreign Trade Implications for U.S. Demand for Beef" (coauthored by **William Hahn**); **William Levedahl** presented a paper, "Predicting the Price and Quality Effects of Food

Assistance Programs"; **Judith Putnam** presented a paper, "Changing Trends and Patterns of Food Consumption in the Past Decade"; and **David Smallwood** presented two papers, "Impacts on Food Consumption of Joint Food Stamp Program and AFDC Program Participation" and "Food Safety and the Demand for Food: Methodological Models and Application" • **Lorna Aldrich** participated in a Northeast region council meeting to foster better informed public debate on food safety, animal husbandry practices, and environmental effects of agricultural chemicals, in Arlington, Va. • **Lee Christensen** participated in a Chicago Mercantile Exchange management conference on broiler price risk, in Chicago, Ill. • **Christensen** also spoke on how ERS acquires, uses, and publishes AMS poultry data at a *Poultry Market News* meeting, in Chicago, Ill. • **Walter Epps, Anthony Gallo, Charles Handy, and Phillip Kaufman** participated in a Food Distribution Research Society conference on food distribution changes, in Kalamazoo, Mich. • **Edward Glade** met with National Cotton Council and AMS researchers on developing an industry base book covering the U.S. cotton ginning sector, in Memphis, Tenn. • **Anthony Grano** and **Gregory Gajewski** participated in a conference on sustainability at Ohio State University • **Verner Grise** spoke on tobacco product consumption trends and the supply/use situation for burley and dark tobacco at a Burley and Dark Leaf Tobacco Association meeting, in Williamsburg, Va. • **Ronald Gustafson** and **Kenneth Nelson** spoke on grazing land reclaimed from mining and chemical use on grazing land at a Grazing Lands Forum, in Harper's Ferry, W. Va. • **Richard Heifner** and **Bruce Wright** participated in a Commodity Futures Trading Commission symposium on delivery issues on the Chicago Board of Trade's grain and soybean futures contracts, in Washington,

D.C. • **Frederic Hoff** and **Gary Lucier** participated in a Produce Marketing Association convention, in Boston, Mass. • **T.Q. Hutchinson** participated in a Transportation Research Forum Executive Committee meeting, in Washington, D.C. • **William Lin** and **Ian McCormick** traveled to China to gather information on livestock production, marketing, feed use, price structure, government policy and planning, and implications for import of U.S. grains • **Kenneth Mathews** participated in a WRCC-55 Western regional research coordinating committee meeting on rangeland economic issues, in Colorado Springs, Colo. • **Patrick O'Brien** participated in the first national management workshop for agricultural economics department heads, in Denver, Colo. • **Thomas Tice** participated in an agricultural outlook conference in Omaha, Neb. • and **Edwin Young** met with Polish, Czech and Slovak Federal Republic, and Hungarian staffs as part of the Eastern European project in Washington, D.C., Warsaw, Poland, Prague, Czech and Slovak Federal Republics, and Budapest, Hungary.

Resources and Technology Division

Douglas Beach and **Ann Vandeman** visited faculty and students at Spelman College and Clark Atlanta University in Atlanta, Ga., as followup to ERS's minority recruitment conference • **Stan Daberkow** presented a paper, "Agricultural Input Price Perspective," at a southern regional agricultural outlook conference, in Atlanta, Ga. • **Karl Gertel** presented a paper, "A Noneconometric Approach to Land Value Research," at a North Central Agricultural Land Values Committee (NCR-123) meeting, in St. Paul, Minn. • **Ralph Heimlich** spoke on economic factors expected to influence land use decisions after conservation reserve program

contracts expire at a Society for Range Management, Soil and Water Conservation Society, National Association of Conservation Districts, and American Forage and Grasslands Council-sponsored meeting, in Denver, Colo. • **Heimlich** and **Kenneth Krupa** participated in a Grazing Lands Forum, in Harper's Ferry, W. Va. • **Heimlich** also organized a joint Southern Natural Resource Economics Committee (SRIEG-10) and NE-170 regional research committee meeting in Arlington, Va., on implementing resource provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, at which **Tim Osborn** presented a paper, "The Conservation Reserve Program"; and **Marc Ribaudo** presented a paper, "Water Quality Incentives and Integrated Farm Management" • **Robert Kellogg** participated in a training school for participants in USDA's Water Quality Area Study Projects, in Atlanta, Ga. • **Kellogg** also spoke on research plans for area studies at a National Research Council Committee meeting on U.S. Geological Survey Water Resources Research, in Easton, Md. • **Betsey Kuhn** participated in a USDA capacity building grant meeting at Tennessee State University, in Nashville, Tenn. • ERS's ethanol study team, including **Kuhn**, **Neil Hohmann**, **James Hrubovcak**, **Hyunok Lee**, **Mindy Petrulis** (ARED), **Matt Rendleman**, and **Judith Sommer** (ARED) visited plants in Corona, Calif., Garden City, Kans., South Bend, Ind., and Pekin and Decatur, Ill. • **Bruce Larson** participated in an NCR-142 regional research committee meeting on economics of biotechnology in agriculture, at the University of Minnesota • **Larson** presented a paper, "New Developments in the Induced Innovation Hypothesis: The Role of Uncertainty and Learning," at the University of Wisconsin • **Hyunok Lee** presented a paper, "Share Tendency and Allocative Efficiency" (coauthored with Agapi Somwaru), at an Atlantic Economic Society

meeting, in Washington, D.C. • **John Miranowski** was a member of the U.S. delegation at a meeting of OECD's ad hoc group on the integration of agricultural and environmental policies, in Paris, France • **Craig Osteen** presented a paper, "Pesticide Use and Policy in the United States," at a conference on new directions in pesticide use, environment, economics, and ethics, in Washington, D.C. • **Kenneth Robinson** represented ERS at a minority career day for college students throughout Virginia, at the University of Virginia • and **Gene Wunderlich** organized a seminar on "The Ownership, Tenure, and Taxation of Agricultural Land," sponsored by the Robert Schalkenbach Foundation, Farm Foundation, and ERS, in Washington, D.C., which included **Patrick Canning**, **Peter DeBraal**, **Ralph Heimlich**, **Hyunok Lee**, **John Lee** (OA), **John Michos**, **John Miranowski**, and **Denise Rogers** on the program.

Data Services Center

Linda Atkinson presented a paper, "Coding a User Application into the Executive Information System of SAS/ASSIST Software," at a Northeast SAS User Group meeting, in Greenwich, Conn. • and **Charlie Hallahan** presented a paper, "DERIVE: A Symbolic Mathematics Package for Personal Computers," at a Washington Operations Research Management Science Council symposium, in Arlington, Va.

Office of the Administrator

Katherine Reichelderfer presented a paper, "The Environmental Impacts of Production Control" (coauthored with Peter Kuch, EPA), at a conference on mechanisms to improve agricultural trade performance under the GATT, in Kiel, Germany • **Reichelderfer** also

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participated in the first national management workshop for agricultural economics department heads, in Denver, Colo. • Reichelderfer also gave a seminar on the impacts of public interest groups on Federal agricultural legislation and met with faculty and

students of the Department of Agricultural Economics at Kansas State University • Reichelderfer also was on a panel providing background information on agriculture and water quality to the Pioneer Hi-Bred International Company task force on

environmental quality, in Chicago, Ill. • Edward Reinsel participated in a National Academy of Sciences Committee on National Statistics meeting in Washington, D.C. • and Reinsel also participated in a Classification of Economic Activity conference in Williamsburg, Va.